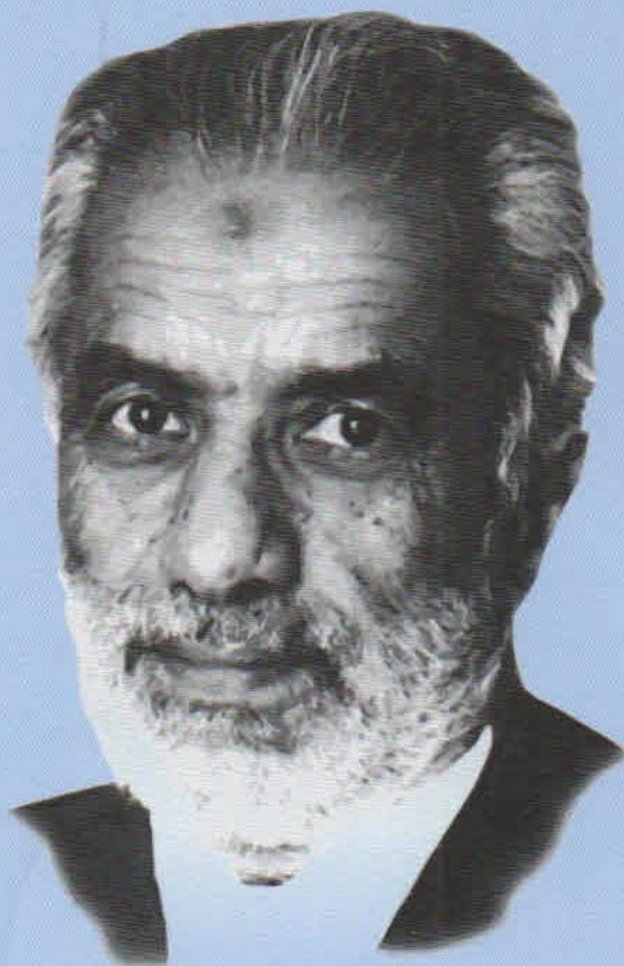


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Polysomnography in Pediatric Sleep Medicine: Indications, Scoring and Interpretation

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Pediatric polysomnography is one of the most rapidly expanding areas in the clinical study of sleep and its disorders. At times, the increased demand for pediatric sleep studies results in the use, by clinicians and technologists conducting and evaluating a study, of either theory derived from adult sleep medicine or outdated pediatric information. Clinicians and technologists require accurate, current information detailing theory and procedures unique to pediatric sleep disorders and polysomnography in order to create a framework in which sleep laboratories can appropriately schedule, conduct, and interpret a pediatric sleep study. Reference materials and training are required concerning the essential topics of pediatric apnea recognition and current methodology if clinicians are to diagnose and treat sleep disorders accurately in infants and children. Practitioners must also understand normal sleep development and control of breathing.

Keywords: Polysomnography, Sleep, Children

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